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 #3
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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/682,706

DATE: 10/10/2002
 TIME: 06:53:36

Input Set : C:\Crf3\Datahold\EFS\09682706\PTO_MS.txt
 Output Set: N:\CRF3\10102001\I682706.raw

RECEIVED
 MAR 04 2002
 TECH CENTER 1600/2900

ENTERED

4 <110> APPLICANT: Hsu, Sheau-Yu
 5 Hsueh, Aaron
 8 <120> TITLE OF INVENTION: Stresscopins and their ses
 11 <130> FILE REFERENCE: STAN210

-> 13 <140> CURRENT APPLICATION NUMBER: US/09/682,706

14 <141> CURRENT FILING DATE: 2001-10-09

16 <150> PRIOR APPLICATION NUMBER: 60/276,615

17 <151> PRIOR FILING DATE: 2001-03-15

19 <150> PRIOR APPLICATION NUMBER: 60/244,128

20 <151> PRIOR FILING DATE: 2000-10-26

22 <160> NUMBER OF SEQ ID NOS: 15

24 <170> SOFTWARE: FastSEQ for Windows Version 4.0

26 <210> SEQ ID NO: 1

27 <211> LENGTH: 339

28 <212> TYPE: DNA

29 <213> ORGANISM: Homo Sapiens

31 <400> SEQUENCE: 1

32 atgaccaggt gtgctctgct gttgctgatg gtcctgatgt tgggcagagt cctggttgtc	60
33 ccagtgaccc ctatcccaac cttccagctc cgccctcaga attctcccca gaccactccc	120
34 cgacctgagg cctcagagag cccctcagct gctccacat ggccgtgggc tgcccagagc	180
35 cactgcagcc ccaccgcca ccctggctcg cgcattgtcc tatcgtgga tgtcccatc	240
36 ggcctcttgc agatcttact ggagcaagcc cgggccaggg ctgccaggga gcaggccacc	300
37 accaacgccc gcatcctggc ccgtgtcggc cactgctga	339

39 <210> SEQ ID NO: 2

40 <211> LENGTH: 112

41 <212> TYPE: PRT

42 <213> ORGANISM: Homo Sapiens

44 <400> SEQUENCE: 2

45 Met Thr Arg Cys Ala Leu Leu Leu Met Val Leu Met Leu Gly Arg	
46 1 5 10 15	
47 Val Leu Val Val Pro Val Thr Pro Ile Pro Thr Phe Gln Leu Arg Pro	
48 20 25 30	
49 Gln Asn Ser Pro Gln Thr Thr Pro Arg Pro Ala Ala Ser Glu Ser Pro	
50 35 40 45	
51 Ser Ala Ala Pro Thr Trp Pro Trp Ala Ala Gln Ser His Cys Ser Pro	
52 50 55 60	
53 Thr Arg His Pro Gly Ser Arg Ile Val Leu Ser Leu Asp Val Pro Ile	
54 65 70 75 80	
55 Gly Leu Leu Gln Ile Leu Leu Glu Gln Ala Arg Ala Arg Ala Ala Arg	
56 85 90 95	
57 Glu Gln Ala Thr Thr Asn Ala Arg Ile Leu Ala Arg Val Gly His Cys	
58 100 105 110	

61 <210> SEQ ID NO: 3

62 <211> LENGTH: 43

63 <212> TYPE: PRT

64 <213> ORGANISM: Homo sapiens

66 <400> SEQUENCE: 3

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67 His Pro Gly Ser Arg Ile Val Leu Ser Leu Asp Val Ile Leu Gly Leu
68 1 5 10 15
69 Leu Gln Ile Leu Leu Glu Gln Ala Arg Ala Arg Ala Ala Arg Glu Gln
70 20 25 30
71 Ala Thr Thr Asn Ala Arg Ile Leu Ala Arg Val
72 35 40

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75 <210> SEQ ID NO: 4

76 <211> LENGTH: 486

77 <212> TYPE: DNA

78 <213> ORGANISM: Homo sapiens

80 <400> SEQUENCE: 4

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81 atg ctg atg ccg gtc cac ttc ctg ctg ctc ctg ctg ctg ctc ctg ggg 48
82 ggc ccc agg aca ggc ctc ccc cac aag ttc tac aaa gcc aag ccc atc 96
83 ttc agc tgc ctc aac acc gcc ctg tct gag gct gag aag ggc cag tgg 144
84 gag gat gca tcc ctg ctg agc aag agg agc ttc cac tac ctg cgc agc 192
85 aga gac gcc tct tcg gga gag gag gag gag ggc aaa gag aaa aag act 240
86 ttc ccc atc tct ggg gcc agg ggt gga gcc gga ggc acc cgt tac aga 288
87 tac gtg tcc caa gca cag ccc agg gga aag cca cgc cag gac aca gcc 336
88 aag agt ccc cac cgc acc aag ttc acc ctg tcc ctc gac gtc ccc acc 384
89 aac atc atg aac ctc ctc ttc aac atc gcc aag gcc aag aac ctg cgt 432
90 gcc cag gcg gcc gcc aat gcc cac ctg atg gcg caa att ggg agg aag 480
91 aag tag 486

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93 <210> SEQ ID NO: 5

94 <211> LENGTH: 161

95 <212> TYPE: PRT

96 <213> ORGANISM: Homo sapiens

98 <400> SEQUENCE: 5

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99 Met Leu Met Pro Val His Phe Leu Leu Leu Leu Leu Leu Leu Gly
100 1 5 10 15
101 Gly Pro Arg Thr Gly Leu Pro His Lys Phe Tyr Lys Ala Lys Pro Ile
102 20 25 30
103 Phe Ser Cys Leu Asn Thr Ala Leu Ser Glu Ala Glu Lys Gly Gln Trp
104 35 40 45
105 Glu Asp Ala Ser Leu Leu Ser Lys Arg Ser Phe His Tyr Leu Arg Ser
106 50 55 60
107 Arg Asp Ala Ser Ser Gly Glu Glu Glu Glu Gly Lys Glu Lys Lys Thr
108 65 70 75 80
109 Phe Pro Ile Ser Gly Ala Arg Gly Gly Ala Gly Gly Thr Arg Tyr Arg
110 85 90 95
111 Tyr Val Ser Gln Ala Gln Pro Arg Gly Lys Pro Arg Gln Asp Thr Ala
112 100 105 110
113 Lys Ser Pro His Arg Thr Lys Phe Thr Leu Ser Leu Asp Val Pro Thr
114 115 120 125
115 Asn Ile Met Asn Leu Leu Phe Asn Ile Ala Lys Ala Lys Asn Leu Arg
116 130 135 140
117 Ala Gln Ala Ala Ala Asn Ala His Leu Met Ala Gln Ile Gly Arg Lys
118 145 150 155 160
119 Lys

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123 <210> SEQ ID NO: 6

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124 <211> LENGTH: 40

125 <212> TYPE: PRT

126 <213> ORGANISM: Homo sapiens

128 <400> SEQUENCE: 6

129 Thr Lys Phe Thr Leu Ser Leu Asp Val Pro Thr Asn Ile Met Asn Leu

130 1 5 10 15

131 Leu Phe Asn Ile Ala Lys Ala Lys Asn Leu Arg Ala Gln Ala Ala Ala

132 20 25 30

133 Asn Ala His Leu Met Ala Gln Ile

134 35 40

137 <210> SEQ ID NO: 7

138 <211> LENGTH: 42

139 <212> TYPE: PRT

140 <213> ORGANISM: Homo sapiens

142 <400> SEQUENCE: 7

143 Arg Ser Glu Glu Pro Pro Ile Ser Leu Asp Leu Thr Phe His Leu Leu

144 1 5 10 15

145 Arg Glu Val Leu Glu Met Ala Arg Ala Glu Gln Leu Ala Gln Gln Ala

146 20 25 30

147 His Ser Asn Arg Lys Leu Met Glu Ile Ile

148 35 40

151 <210> SEQ ID NO: 8

152 <211> LENGTH: 42

153 <212> TYPE: PRT

154 <213> ORGANISM: Mus musculus

156 <400> SEQUENCE: 8

157 Arg Ser Glu Glu Pro Pro Ile Ser Leu Asp Leu Thr Phe His Leu Leu

158 1 5 10 15

159 Arg Glu Val Leu Glu Met Ala Arg Ala Glu Gln Leu Ala Gln Gln Ala

160 20 25 30

161 His Ser Asn Arg Ile Ile Phe Asp Ser Val

162 35 40

165 <210> SEQ ID NO: 9

166 <211> LENGTH: 42

167 <212> TYPE: PRT

168 <213> ORGANISM: Homo sapiens

170 <400> SEQUENCE: 9

171 Arg Arg Asp Asn Pro Ser Leu Ser Ile Asp Leu Thr Phe His Leu Leu

172 1 5 10 15

173 Arg Thr Leu Leu Glu Leu Ala Arg Thr Gln Ser Gln Arg Glu Arg Ala

174 20 25 30

175 Glu Gln Asn Arg Ile Ile Phe Asp Ser Val

176 35 40

179 <210> SEQ ID NO: 10

180 <211> LENGTH: 42

181 <212> TYPE: PRT

182 <213> ORGANISM: Mus musculus

184 <400> SEQUENCE: 10

185 Arg Arg Asp Asp Pro Pro Leu Ser Ile Asp Leu Thr Phe His Leu Leu

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186 1           5           10           15
187 Arg Thr Leu Leu Glu Leu Ala Arg Thr Gln Ser Gln Arg Glu Arg Ala
188           20           25           30
189 Glu Gln Asn Arg Ile Ile Phe Asp Ser Val
190           35           40
193 <210> SEQ ID NO: 11
194 <211> LENGTH: 42
195 <212> TYPE: PRT
196 <213> ORGANISM: Carassius auratus
198 <400> SEQUENCE: 11
199 Arg Asn Asp Asp Pro Pro Ile Ser Ile Asp Leu Thr Phe His Leu Leu
200 1           5           10           15
201 Arg Asn Met Ile Glu Met Ala Arg Asn Glu Asn Gln Arg Glu Gln Ala
202           20           25           30
203 Gly Leu Asn Arg Lys Tyr Leu Asp Glu Val
204           35           40
207 <210> SEQ ID NO: 12
208 <211> LENGTH: 42
209 <212> TYPE: PRT
210 <213> ORGANISM: Catostomus commersoni
212 <400> SEQUENCE: 12
213 Arg Ser Glu Glu Pro Pro Ile Ser Leu Asp Leu Thr Phe His Leu Leu
214 1           5           10           15
215 Arg Glu Val Leu Glu Met Ala Arg Ala Glu Gln Leu Ala Gln Gln Ala
216           20           25           30
217 His Ser Asn Arg Lys Met Met Glu Ile Phe
218           35           40
221 <210> SEQ ID NO: 13
222 <211> LENGTH: 42
223 <212> TYPE: PRT
224 <213> ORGANISM: Catostomus commersoni
226 <400> SEQUENCE: 13
227 Arg Ser Glu Glu Pro Pro Ile Ser Leu Asp Leu Thr Phe His Leu Leu
228 1           5           10           15
229 Arg Glu Val Leu Glu Met Ala Arg Ala Glu Gln Leu Val Gln Gln Ala
230           20           25           30
231 His Ser Asn Arg Lys Met Met Glu Ile Phe
232           35           40
235 <210> SEQ ID NO: 14
236 <211> LENGTH: 40
237 <212> TYPE: PRT
238 <213> ORGANISM: Phyllomedusa sauvagei
240 <400> SEQUENCE: 14
241 Gln Gly Pro Pro Ile Ser Ile Asp Leu Ser Leu Glu Leu Leu Arg Lys
242 1           5           10           15
243 Met Ile Glu Ile Glu Lys Gln Glu Lys Glu Lys Gln Gln Ala Ala Asn
244           20           25           30
245 Asn Arg Leu Leu Leu Asp Thr Ile
246           35           40

```

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Input Set : C:\Crif3\Datahold\EFS\09682706\PTO_MS.txt

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249 <210> SEQ ID NO: 15

250 <211> LENGTH: 40

251 <212> TYPE: PRT

252 <213> ORGANISM: Takifugu rubripes

254 <400> SEQUENCE: 15

255 Ser Arg Leu Thr Leu Ser Leu Asp Val Pro Thr Asn Ile Met Asn Val

256 1 5 10 15

257 Leu Phe Asp Val Ala Lys Ala Lys Asn Leu Arg Ala Lys Ala Ala Glu

258 20 25 30

259 Asn Ala Arg Leu Leu Ala His Ile

260 35 40

VERIFICATION SUMMARY

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Input Set : C:\Crf3\Datahold\EFS\09682706\PTO_MS.txt

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:13 M:270 C: Current Application Number differs, Replaced Current Application Number